

H.W.

(1) Given: $f'(x) = 8x^3 - x + 3$, $f(1) = 2$
Find $f(x)$.

(2) Given: $f'(x) = 2x^5 - 3x^2 + 5x - 1$, $f(0) = 3$
Find $f(x)$.

(3) Given: $f'(x) = x^2 - \frac{1}{x^4}$, $f(1) = 4$
Find $f(x)$.

(4) Given: $f''(x) = 24x^2 - 60x$, $f'(0) = 5$,
 $f(1) = -10$
Find $f(x)$